

Data sheet

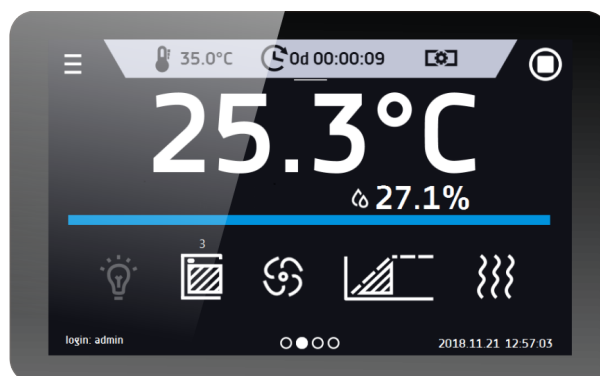
Climatic Chamber KKS 115 Smart PRO



The photo above is for reference only, may show additional options not included in standard equipment. The real appearance, particularly color and structure of the material may differ from the ones presented in the photo.

Advantages of the SMART PRO controller:

- large (7"), clear, full colour touch screen
- LAN, USB ports and WiFi for communication and data transfer
- multi-segment time and temperature programs
- overview of data in tabular and graphic form
- visual and sound alarm
- Admin function for management
- password protected log-in
- internal memory for programs and data storage
- event registry with user notifications
- LabDesk software and user manual for direct download



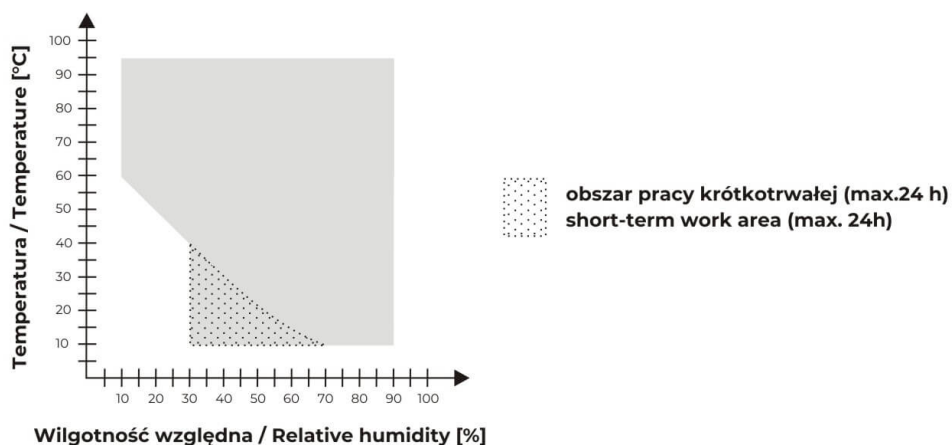
Smart PRO - preview screen

TECHNICAL DATA

air convection	forced
chamber capacity [l]	109
working capacity [l]	109
controller	microprocessor PID
display	7" full colour touch screen

TEMPERATURE AND HUMIDITY

temperature range [°C]	0...+100
temperature resolution every ... [°C]	0,1
temperature fluctuation at 25°C and 60%rH [±/°C]*	2
relative humidity range [%]	10...90 (see chart for details)
humidity resolution every ... [%]	1,0
humidity fluctuation at 25°C and 60% rH [%rH]	5
over temperature protection	class 3.3 to DIN 12880



CHAMBER

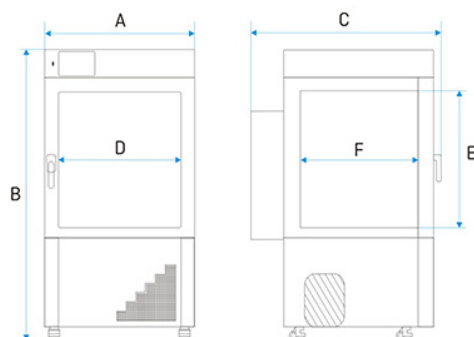
door type	double (external solid, internal glass) / external glass (option)
interior	
Smart PRO	acid-proof stainless steel to DIN 1.4301
IG Smart PRO	acid-proof stainless steel to DIN 1.4301
housing	
Smart PRO	powder coated sheet
IG Smart PRO	stainless steel linen finish

overall dims [mm] /1/

width A	660
height B	1330
depth C	820

internal dims [mm]

width D	460
height E	540
depth F	440



shelves (standard max)	2 7
max shelf workload [kg] /2/	10
- reinforced shelf version (PW) [kg] /3/	50
max unit workload [kg]	60
weight [kg]	103

ELECTRICAL PARAMETERS

voltage**	230V 50Hz
nominal power [W]	2900
refrigerant	R1234ze / GWP=1
warranty	24 months
manufacturer	POL-EKO-APARATURA

all the above technical data refer to standard units (without optional accessories) and without a reverse osmosis system

* - fluctuation measured in centre of the chamber; in space, variation (K) calculated for chamber as:

K= +/- (T average max. - T average min.) / 2

** - other power supplies on request

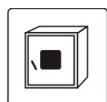
1 - depth doesn't include 50 mm of power cable

2 - on uniformly loaded surface

3 - reinforced shelf

4 - reinforced version

OPTIONS AND ACCESSORIES



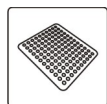
Order number: */A

door with viewing window



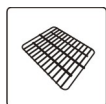
Order number: */P INOX

Stainless steel wire shelf INOX



Order number: */PP

Perforated shelf



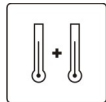
Order number: */PW

Reinforced shelf



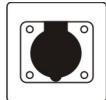
Order number: KUW GN*/*

Stainless steel cuvettes



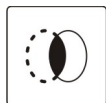
Order number: PT 100

Additional temperature sensor



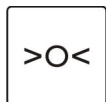
Order number: GNZ

Internal socket



Order number: OCZ/N

Non-standard access port for external sensor



Order number: BRT*/L or IQ/OQ/PQ

Calibration and IQ, OQ, PQ qualification



Order number: BPP 12

Battery backup for display



Order number: PORT ALARM

Dry alarm contact